

Product datasheet for MC208118

Agtr1b (NM_175086) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Agtr1b (NM_175086) Mouse Untagged Clone
Tag: Tag Free
Symbol: Agtr1b
Synonyms: Agtr-1b; Angtr-1b; AT1B; AT2R1B
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC208118 representing NM_175086
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATCCTTAACCTCTTCTATTGAAGATGGAATTAAGAATCCAAGATGACTGCCCAAGGCTGGCAGGC
 ACAATTACATATTTGTCATGATCCCTACTCTACAGCATCATCTTTGGTGGGAATATTTGGAAACAG
 TTTGGTGGTAATTGTCATTTACTTTTACATGAAGCTAAAGACTGTGGCCAGTGTTCCTCTGAATCTT
 GCCCTGGCTGATTTATGCTTTTGTGACTTTGCCTCTGTGGCAGTTTATACCGCTATGGAATACCAGT
 GGCCTTCGGCAATCACCTATGTAAGATCGCTTCGGCCAGCGTCAGTTTCAACCTCTACGCCAGTGTGT
 CCTGCTCAGTGTCTCAGCATCGATCGTACCTAGCCATTGTCCACCCAATGAAGTCTCGCTCCGACGC
 ACAATGCTGGTCGCCAAAGTCACCTGCATCATCTGGCTGATGGCTGGCTAGTTTGCCGGCCG
 TCATCCACCGAAATGTGTATTTTCATCGAGAACCAATATCACAGTTTGTCTTTTCATTATGAATCTCA
 GAACTCAACACTCCCCATTGGACTGGGTCTGACCAAGAACATTCTGGGCTTCGTGTTCCCTTTGTTATT
 ATTCTCACCAGCTATACTCTGATTTGAAAGCCCTAAAGAAGGCTTACAAAATTCAGAAGAATACGCCAA
 GGAATGATGACATCTTAGGATAATCATGGCGATTGTGCTTTTCTTCTTTTCTGGGTTCCCCACCA
 AATATTCAGTTTTCTGGATGTGCTCATTACAGCTGGGCGTCATCCATGACTGTGAAATTGCGGACGTAGTG
 GACACTGCTATGCCATCACCATCTGCATAGCTTATTTAACAATTGCCTGAACCTCTGTTTTATGGCT
 TTCTGGGAAAAAATTTAAAGATATTTCTCCAGCTTCTGAAATATATCCCCAAAGGCCAGGTCGCA
 TGCAGGGTTATCAACAAAATGAGTACTTTCTACCGCCCTCAGATAACATGAGCTCGTCTGCCAGG
 AAGTCTGCGTATTGTTTTGAAGTGGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2176_g09.zip



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_175086
Insert Size:	1080 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_175086.3 , NP_780295.2
RefSeq Size:	2147 bp
RefSeq ORF:	1080 bp
Locus ID:	11608
UniProt ID:	P29755
Cytogenetics:	3 6.37 cM
Gene Summary:	Receptor for angiotensin II. Mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system.[UniProtKB/Swiss-Prot Function]